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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612,262	07/03/2003	Robert Zielewicz	H-566	4112

41245 7590 12/16/2004

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EXAMINER

GRAVINI, STEPHEN MICHAEL

ART UNIT PAPER NUMBER

3749

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.



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EXAMINER

ART UNIT	PAPER
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20040816

DATE MAILED:

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Commissioner for Patents

Office Action Summary

Application No.

10/612,262

Applicant(s)

ZIELEWICZ ET AL.

Examiner

Stephen Gravini

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,8-11,13-18 and 20-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6,8-11,13-18 and 20-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

Claims 1 and 21 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Schoen et al. (US 3,833,127).

Claim Rejections - 35 USC § 103

Claims 2-6, 8, and 22-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schoen in view of Narang. Schoen is considered to clearly anticipate the invention as discussed above except for the claimed fan, sensor, control panel, timer, and filter. Narang, another clothes dryer system, is considered to disclose a fan **68**, sensor **154** (wherein the disclosed clogged filter detector is considered to send a sensing signal as claimed), control panel at column 9 lines 1-20, timer **157**, and filter **126**. It would have been obvious to one skilled in the art to combine the teachings of Schoen with the fan, sensor, control panel, timer, and filter considered to be disclosed in Narang for the purpose of using a traditional drum clothes dryer with a heat source from a radiator.

Claims 9-11, 13-16, 18, and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miller (US 3,333,345) in view of DiFiore (US 4,330,083). Miller is considered to disclose a clothes dryer having a rotating drum **26** comprising an inner chamber **44** drive means **84**, air circulating means **68**, sensor **86**, control panel **18**, exhaust means for exhausting moisture-laden air, said exhaust means disposed at a

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rear portion of said clothes dryer, and having communication with said inner chamber (please see column 3 lines 27-37), and fan 80. Miller is considered to disclose the invention except for the claimed heat exchanging means for accepting heated fluid from said home heating apparatus and transferring its heat to said air being circulated in said inner chamber of said rotating drum, wherein said heat exchanging means comprises a radiator for accepting heated fluid, and for transferring heat to said drying drum, whereby said clothes are heated, tumbled, and dried. DiFiore, another clothes dryer system, is considered to disclose a heat exchanging means for accepting heated fluid from said home heating apparatus and transferring its heat to said air being circulated in said inner chamber of said rotating drum, wherein said heat exchanging means comprises a radiator for accepting heated fluid, and for transferring heat to said drying drum, whereby said clothes are heated, tumbled, and dried at column 3 lines 26-36. It would have been obvious to one skilled in the art to combine the teachings of Schoen with heat exchanging means for accepting heated fluid from said home heating apparatus and transferring its heat to said air being circulated in said inner chamber of said rotating drum, wherein said heat exchanging means comprises a radiator for accepting heated fluid, and for transferring heat to said drying drum, whereby said clothes are heated, tumbled, and dried considered to be disclosed in DiFiore for the purpose of using an alternate heating means in a traditional drum clothes dryer with a heat source.

Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Miller in view of DiFiore Narang in further view of Narang. Miller in view of DiFiore is considered to disclose the claimed invention, as discussed above under the obviousness rejection, except for the claimed timer. Narang, another clothes drying system, is considered to disclose a timer at column 6 lines 33-42. It would have been obvious to one skilled in the art to combine the teachings of Miller in view of DiFiore with the timer, considered disclosed in Narang for the purpose of using a time limit for drying clothes.

Response to Arguments

Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new grounds of rejection.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Reference D, cited in this action, is considered to disclose an alternative radiative heat source for use in clothes drying.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Gravini whose telephone number is 703 308 7570. The examiner can normally be reached on normal weekday business hours (east coast time).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira S. Lazarus can be reached on 703 308 1935. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SMG
December 9, 2004

